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PTO/SB/17 (12-04v2)

Approved for use through 07/31/2006. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Effective on 12/08/2004.
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL for FY 2005

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)
\$180.00

Complete if Known

Application Number	08/648,092
Filing Date	5/17/1996
First Named Inventor	Johnston William McAvoy
Examiner Name	Z. Fay
Art Unit	1614
Attorney Docket No.	UNSYD-39709

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order None Other (please identify): _____

Deposit Account Deposit Account Number: 06-2425 Deposit Account Name: Fulwider Patton et al.

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee
 Charge any additional fee(s) or any underpayment of fee(s) under 37 CFR 1.16 and 1.17 Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fees Paid (\$)
Utility	300	150	500	250	200	100	_____
Design	200	100	100	50	130	65	_____
Plant	200	100	300	150	160	80	_____
Reissue	300	150	500	250	600	300	_____
Provisional	200	100	0	0	0	0	_____

2. EXCESS CLAIM FEES

Fee Description

Each claim over 20 (including Reissues)

Fee (\$)	Small Entity Fee (\$)
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50 25

Each independent claim over 3 (including Reissues)

200 100

Multiple dependent claims

360 180

Multiple Dependent Claims

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Fee (\$)	Fee Paid (\$)
- 20 or HP =	x	\$50.00	= \$0.00	_____	_____

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
- 3 or HP =	x	\$200.00	= \$0.00

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listing under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	0	/ 50 0 (round up to a whole number)	x \$250.00 = \$0.00	Fee Paid (\$)

4. OTHER FEE(S)

Non-English specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): Supplemental IDS

\$180.00

SUBMITTED BY

Signature		Registration No. (Attorney/Agent)	38,171	Telephone	310-824-5555
Name (Print/Type)	John V. Hanley			Date	September 20, 2005

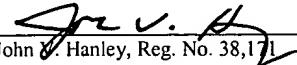
This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 on September 20, 2005.


John V. Hanley, Reg. No. 38,171

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of

Inventor: Johnston William McAvoy
and Coral Gwenda Chamberlain

Serial No. 08/648,092

Filed: May 17, 1996

For: A METHOD FOR PREVENTING OR
CONTROLLING CATARACT

Examiner: Z. Fay

Group Art Unit: 1614

Client ID/Matter No. UNSYD-39709

September 20, 2005

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

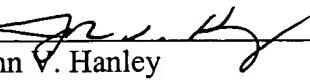
Pursuant to the duty of disclosure, Form PTO-1449 is enclosed in order to inform the Examiner of art which may be material to patentability of the invention. The Examiner is requested to consider and cite the references in the examination.

A check in the amount of \$180.00 is enclosed to cover the fee under 37 CFR §1.17(p).

The Commissioner is authorized to charge any fee deficiency or credit any overpayment to
Deposit Account No. 06 2425. A duplicate copy of this paper is enclosed.

Respectfully submitted,

FULWIDER PATTON LEE & UTECHT, LLP

By: 
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Registration No. 38,171

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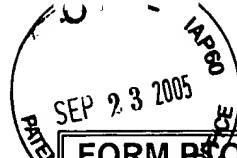
FORM PTO-1449 (Modified)				Docket No.: UNSYD-39709	Serial No.: 08/648,092		
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT				Applicant: Johnston William McAvoy et al.			
				Filing Date: May 17, 1996	Art Unit: 1614		
UNITED STATES PATENT DOCUMENTS							
*Exr's. Inits.	Cite #	Patent No.	Date	Name	Class	Sub Class	Filing Date (if applicable)
FOREIGN PATENT DOCUMENTS							
Exr's. Init.	Cite #	Document No.	Date	Country	Class	Sub	Translation? Yes No
OTHER REFERENCES (Including Author, Date, Title, Pertinent Pages, Etc.)							
Exr's. Inits.	Ref.	Bibliographic Data					
		Chamberlain, et al., "Induction of Lens Fibre Differentiation by Acidic and Basic Fibroblast Growth Factor (FGF)", Growth Factors, Vol. 1, pp. 125-134, 1989.					
		McAvoy, et al., "Fibroblast growth factor (FGF) induces different responses in lens epithelial cells depending on its concentration", Development 107, pp. 221-228, 1989.					
		McAvoy, et al., "The Role of Fibroblast Growth Factor in Eye Lens Development", Annals of New York Academy of Sciences, Vol. 638, pp. 256-274, 1991.					
		Hales, et al., "Measurement of Lens Epithelial Cell Migration on a Laminin Substratum Using Image Analysis", Journal of Computer-Assisted Microscopy, Vol. 4, No. 2, pp. 135-139, 1992.					
		McAvoy, et al., "Neural retinas promote cell division and fibre differentiation in lens epithelial explants", Department of Histology and Embryology, Vol. 3, No. 6, pp. 827-834, 1984.					
		Parmigiani, et al., "The roles of laminin and fibronectin in the development of the lens capsule", Department of Histology and Embryology, Vol. 10, No. 6, pp. 501-511, 1991.					
		Lovicu, et al., "The Age of Rats Affects the Response of Lens Epithelial Explants to Fibroblast Growth Factor", Investigative Ophthalmology & Visual Science, Vol. 33, No. 7, pp. 2269-2278, 1992.					
Examiner				Date Considered			
<p>* Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. ¶ 609. Draw line through citation (i.e., citation) if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>							



SF FORM PTO-1449 (Modified)			Docket No.: UNSYD-39709		Serial No.: 08/648,092		
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT			Applicant: Johnston William McAvoy et al.				
			Filing Date: May 17, 1996		Art Unit: 1614		
UNITED STATES PATENT DOCUMENTS							
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FOREIGN PATENT DOCUMENTS							
Exr's. Init.	Cite #	Document No.	Date	Country	Class	Sub	Translation? Yes No
OTHER REFERENCES (Including Author, Date, Title, Pertinent Pages, Etc.)							
Exr's. Inits.	Ref.	Bibliographic Data					
		McAvoy, J.W., "Cell Lineage Analysis of Lens Epithelial Cells Induced to Differentiate into Fibres", Exp. Eye Res., Vol. 47, pp. 869-883, 1988.					
		Lovicu, et al., "Structural Analysis of Lens Epithelial Explants Induced to Differentiate into Fibres by Fibroblast Growth Factor (FGF)", Exp. Eye Res., Vol. 49, pp. 479-494, 1989.					
		Wyllie, et al., "Cell Death: The Significance of Apoptosis", International Review of Cytology, Vol. 68, pp. 251-307, 1980.					
		Williams, et al., "Apoptosis: final control point in cell biology", Trends in Cell Biology, Vol. 2, pp. 263-267, 1992.					
		Mohan, et al., "Macromolecular Organization of Basement Membranes", The Journal of Biological Chemistry, Vol. 261, No. 9, pp. 4328-4336, 1986.					
		Novotny, et al., "Myofibroblast-like cells in human anterior capsular cataract", Virchows Arch, Vol. 404, pp. 393-401, 1984.					
		Eshagian, Joseph, "Human Posterior Subcapsular Cataracts", Trans. ophthal. Soc. U.K., Vol. 102, pp. 364-368, 1982.					
		Eshaghian, et al., "Human Posterior Subcapsular Cataract An Ultrastructural Study of the Posteriorly Migrating Cells", Arch Ophthalmol, Vol. 98, pp. 134-143, 1980.					
		Green, et al., "Opacification of the Posterior Capsule", Trans. ophthalmol. Soc. U.K., Vol. 104, pp. 727-738, 1985.					
Examiner				Date Considered			
<p>* Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. ¶ 609. Draw line through citation (i.e., citation) if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>							



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INSTITUTE OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT				Applicant: Johnston William McAvoy et al.			
				Filing Date: May 17, 1996		Art Unit: 1614	
UNITED STATES PATENT DOCUMENTS							
*Exr's. Inits.	Cite #	Patent No.	Date	Name	Class	Sub Class	Filing Date (if applicable)
FOREIGN PATENT DOCUMENTS							
Exr's. Init.	Cite #	Document No.	Date	Country	Class	Sub	Translation? Yes No
OTHER REFERENCES (Including Author, Date, Title, Pertinent Pages, Etc.)							
Exr's. Inits.	Ref.	Bibliographic Data					
		Schulz, et al., "Acidic and basic FGF in ocular media and lens: implications for lens polarity and growth patterns", Development, Vol. 118, pp. 117-126, 1993.					
		Hales, et al., "TGF- β 1 induces lens cells to accumulate α -smooth muscle actin, a marker for subcapsular cataracts", Current Eye Research, pp. 885-890, 1994.					
		Twining, et al., " α 2-Macroglobulin Is Present in and Synthesized by the Cornea", Investigative Ophthalmology & Visual Science, Vol. 35, No. 8, pp. 3226-3233, 1994.					
		Beebe, et al., "Transport and Steady-State Concentration of Plasma Proteins in the Vitreous Humor of the Chicken Embryo: Implications for the Mechanism of Eye Growth during Early Development", Developmental Biology, Vol. 114, pp. 361-368, 1986.					
		Ando, et al., "MMPs and Proteinase Inhibitors in the Human Aqueous Humor", Investigative Ophthalmology & Visual Science, Vol. 34, No. 13, pp. 3541-3548, 1993.					
		Hagedorn, et al., "Tenascin and decorin in epiretinal membranes of proliferative vitreoretinopathy and proliferative diabetic retinopathy", German J. Ophthalmol, Vol. 2, pp. 28-31, 1993.					
		Paralkar, et al., "Transforming Growth Factor β Type 1 Binds to Collagen IV of Basement Membrane Matrix: Implications for Development", Developmental Biology, Vol. 143, pp. 303-308, 1991.					
		LaMarre, et al., "Biology of Disease Cytokine Binding and Clearance Properties of Proteinase-Activated α 2-Macroglobulins", Laboratory Investigation, Vol. 65, No. 1, pp. 3-14, 1991.					
Examiner				Date Considered			
<p>* Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. ¶ 609. Draw line through citation (i.e., citation) if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>							


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Docket No.: UNSYD-39709
Serial No.: 08/648,092
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DISCLOSURE STATEMENT**
Applicant: Johnston William McAvoy et al.
Filing Date: May 17, 1996
Art Unit: 1614
UNITED STATES PATENT DOCUMENTS

*Exr's. Inits.	Cite #	Patent No.	Date	Name	Class	Sub Class	Filing Date (if applicable)

FOREIGN PATENT DOCUMENTS

Exr's. Init.	Cite #	Document No.	Date	Country	Class	Sub	Translation? Yes No

OTHER REFERENCES (Including Author, Date, Title, Pertinent Pages, Etc.)

Exr's. Inits.	Ref.	Bibliographic Data
		Choi, et al., "Characterization of the Dermatan Sulfate Proteoglycans, DS-PGI and DS-PGII, from Bovine Articular Cartilage and Skin Isolated by Octyl-Sepharose Chromatography", The Journal of Biological Chemistry, Vol. 264, No. 5, pp. 2876-2884, 1989.
		Yanagishita, et al., "Proteoglycans: Isolation and Purification from Tissue Cultures", Methods in Enzymology, Vol. 138, pp. 279-289, 1987.

Examiner
Date Considered

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